



General Assembly

February Session, 2002

Raised Bill No. 5505

LCO No. 1599

Referred to Committee on Public Safety

Introduced by:
(PS)

***AN ACT ENSURING THE PROPER INSTALLATION AND
MAINTENANCE OF MEDICAL GAS AND VACUUM SYSTEMS.***

Be it enacted by the Senate and House of Representatives in General Assembly convened:

1 Section 1. Section 20-330 of the general statutes is repealed and the
2 following is substituted in lieu thereof (*Effective July 1, 2002*):

3 As used in this chapter:

4 (1) "Contractor" means any person regularly offering to the general
5 public services of such person or such person's employees in the field
6 of electrical work, plumbing and piping work, solar work, heating,
7 piping, cooling and sheet metal work, fire protection sprinkler systems
8 work, elevator installation, repair and maintenance work, irrigation
9 work, automotive glass work or flat glass work, as defined in this
10 section;

11 (2) "Electrical work" means the installation, erection, maintenance,
12 alteration or repair of any wire, cable, conduit, busway, raceway,
13 support, insulator, conductor, appliance, apparatus, fixture or
14 equipment that generates, transforms, transmits or uses electrical

15 energy for light, heat, power or other purposes, but does not include
16 low voltage wiring, not exceeding twenty-four volts, used within a
17 lawn sprinkler system;

18 (3) "Plumbing and piping work" means the installation, repair,
19 replacement, alteration or maintenance of gas, water and associated
20 fixtures, laboratory equipment, sanitary equipment, other than
21 subsurface sewage disposal systems, fire prevention apparatus, all
22 water systems for human usage, sewage treatment facilities and all
23 associated fittings within a building and includes lateral storm and
24 sanitary lines from buildings to the mains, swimming pools and
25 pumping equipment, and includes making connections to back flow
26 prevention devices, and includes low voltage wiring, not exceeding
27 twenty-four volts, used within a lawn sprinkler system, but does not
28 include (A) solar work, except for the repair of those portions of a solar
29 hot water heating system that include the basic domestic hot water
30 tank and the tie-in to the potable water system, [and] (B) the
31 installation, repair, replacement, alteration or maintenance of fire
32 prevention apparatus within a structure, except for standpipes that are
33 not connected to sprinkler systems, and (C) medical gas and vacuum
34 systems work, unless such work is performed by a person who holds a
35 medical gas and vacuum systems certificate issued under subsection
36 (g) of section 20-334a, as amended by this act;

37 (4) "Solar work" means the installation, repair, replacement,
38 alteration or maintenance of an active, passive or hybrid solar hot
39 water heating system;

40 (5) "Heating, piping and cooling work" means (A) the installation,
41 repair, replacement, maintenance or alteration of any apparatus for
42 piping, appliances, devices or accessories for heating systems,
43 including sheet metal work, and (B) the installation, repair,
44 replacement, maintenance or alteration of air conditioning and
45 refrigeration systems, boilers, including apparatus and piping for the
46 generation or conveyance of steam and associated pumping

47 equipment. Heating, piping and cooling work does not include solar
48 work;

49 (6) "Apprentice" means any person registered with the Labor
50 Department for the purpose of learning a skilled trade;

51 (7) "Elevator installation, repair and maintenance work" means the
52 installation, erection, maintenance and repair of all types of elevators,
53 dumb waiters, escalators, and moving walks and all mechanical
54 equipment, fittings, associated piping and wiring from a source of
55 supply brought to the equipment room by an unlimited electrical
56 contractor for all types of machines used to hoist or convey persons or
57 materials, but does not include temporary hoisting machines used for
58 hoisting materials in connection with any construction job or project;

59 (8) "Elevator maintenance" means the lubrication, inspection and
60 replacement of controls, hoistway and car parts;

61 (9) "Fire protection sprinkler systems work" means the layout, on-
62 site fabrication, installation, alteration or repair of any automatic or
63 manual sprinkler system designed for the protection of the interior or
64 exterior of a building or structure from fire, or any piping or tubing
65 and appurtenances and equipment pertaining to such system
66 including overhead and underground water mains, fire hydrants and
67 hydrant mains, standpipes and hose connections to sprinkler systems,
68 sprinkler tank heaters excluding electrical wiring, air lines and thermal
69 systems used in connection with sprinkler and alarm systems
70 connected thereto, foam extinguishing systems or special hazard
71 systems including water spray, foam, carbon dioxide or dry chemical
72 systems, halon and other liquid or gas fire suppression systems, but
73 does not include (A) any engineering design work connected with the
74 layout of fire protection sprinkler systems, or (B) any work performed
75 by employees of or contractors hired by a public water system, as
76 defined in subsection (a) of section 25-33d;

77 (10) "State Fire Marshal" means the State Fire Marshal or any

78 member of the Division of State Police to whom the Commissioner of
79 Public Safety has delegated powers under section 29-291;

80 (11) "Journeyman sprinkler fitter" means a specialized pipe fitter
81 craftsman, experienced and skilled in the installation, alteration,
82 maintenance and repair of fire protection sprinkler systems;

83 (12) "Irrigation work" means making the connections to back flow
84 prevention devices, and low voltage wiring, not exceeding twenty-four
85 volts, used within a lawn sprinkler system;

86 (13) "Sheet metal work" means the installation, erection,
87 replacement, repair or alteration of duct work systems, both ferrous
88 and nonferrous;

89 (14) "Journeyman sheet metal worker" means an experienced
90 craftsman skilled in the installation, erection, replacement, repair or
91 alteration of duct work systems, both ferrous and nonferrous;

92 (15) "Automotive glass work" means installing, maintaining or
93 repairing fixed glass in motor vehicles; [and]

94 (16) "Flat glass work" means installing, maintaining or repairing
95 glass in residential or commercial structures; and

96 (17) "Medical gas and vacuum systems work" means the work and
97 practice, materials, instrumentation and fixtures used in the
98 construction, installation, alteration, extension, removal, repair,
99 maintenance or renovation of gas and vacuum systems used solely to
100 transport gases for medical purposes and to remove liquids, air-gases
101 or solids from such systems.

102 Sec. 2. Section 20-334a of the general statutes is amended by adding
103 subsection (g) as follows (*Effective July 1, 2002*):

104 (NEW) (g) On or after July 1, 2002, a medical gas and vacuum
105 systems certificate for medical gas and vacuum systems work may be

106 issued to any person who (1) has been issued a P-1, P-2, S-1, S-2, S-3 or
107 S-4 license under subdivision (1) of subsection (a) of this section, (2)
108 has been certified as a medical gas and vacuum system brazer issued
109 in accordance with the standards of Section IX entitled "Welding and
110 Brazing Qualifications" of the American Society of Mechanical
111 Engineers Boiler and Pressure Vessel Code, and (3) has been certified
112 as having completed an approved training course on medical gas and
113 vacuum system installation as required by American National
114 Standards Institute-American Society of Sanitary Engineering Series
115 6000.

This act shall take effect as follows:	
Section 1	<i>July 1, 2002</i>
Sec. 2	<i>July 1, 2002</i>

PS

Joint Favorable C/R

PH